	А	В	С	D	E	F	G
1				T/	BLE 1 - 1	2/28/11	•
2				FIELD AND	7,00 2 7,71 3011011 723011 707011		
3				DIMOCK RESID	5-02-XXX 5800X40X590 2501 90 11X	AND INCOMPLETED BY MI STREET, M. C. JACO	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU
4				DIMOCK, SUSQUE	HANNA C	OUNTY, P	PENNSYLVA
5	Lab	Parameter/Method	Matrix	Field Samples	Bkgd		QC
6						Dup	Trip ¹ Blanks
7	Ft. Meade	Alkalinity (SM 2320B) (Total Hardness, HCO3, CO3) (2320B, 2340B)	drinking water	60	0	6	0
8	Ft. Meade	Alcohols: Ethanol, methanol, 1-propanol, 1- butanol, 2-butanol (8015D)	drinking water	60	0	6	0
9	Ft. Meade	Anions, Chloride, Bromide, Fluoride, Nitrate/Nitrite as N, Orthophosphorus as P, Sulfate as SO4 (300.0)	drinking water	60	0	6	0
10	TechLaw	Bacteria (Fecal & total coliform, HPC)	drinking water	60	0	6	0
11	Isotech	d ¹³ C and d ² H of methane (isotech)	drinking water	10	0	0	0
12	Isotech	Complete compositional analysis of headspace gas (isotech)	drinking water	10	0	0	0
13	Isotech	Diss. gases methane, ethane, ethene (isotech)	drinking water	10	0	0	0
14	TechLaw	Dissolved Gases, Methane, Ethane, & Ethene (RSK-175)	drinking water	60	0	6	0
15	TechLaw	Ethylene Glycol (8015M)	drinking water	60	0	6	0
16	?	DRO (8015M)	drinking water	60	0	6	0
17	?	GRO (8015M)	drinking water	60	0	6	0
18	TechLaw	Gamma Spec (K-40, Ra-226, Ra-228, Th-232, Th- 234, U-234, U-235, U-238) (901.1)	drinking water	60	0	6	0
19	Ft. Meade	Glycols incl. 2-Butoxyethanol (8316)	drinking water	60	0	6	0
20	TechLaw	Gross Alpha/Beta (900.0)	drinking water	60	0	6	0
21	Ft. Meade	Metals: Al, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, As, Se Zn, Ti, Sr, Ba, Sn, Sb, Be, Cd, Co, Tl, U, V,K, Hg (200.8/245.1)	drinking water	60	0	6	0

	А	В	С	D	Е	F	G
		Metals: Al, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, As, Se	Filtered				
	At the state and	Zn, Ti, Sr, Ba, Sn, Sb, Be, Cd, Co, Tl, U, V,K, Hg	drinking	60	0	6	0
22	Ft. Meade	(200.8/245.1)	water				
		Methylene Blue Active Substances (MBAS) (SM	drinking	60	0	6	0
23	TechLaw	5540C)	water	60	U	6	
			drinking				
24	Et Maada	Nitrate/Nitrite (353.2)	water	60	0	6	0
24	rt. Meade	initiate/inititle (555.2)	NO 100 TO 201				
			drinking	60	0	6	0
25	TechLaw	Oil & Grease (HEM) (1664A)	water				
			drinking	60	0	6	0
26	Ft. Meade	pH (9040C)	water	00	U		
			drinking				
27	Et Maada	Phosphorus, Total (365.1)	water	60	0	6	0
21	r t. ivicade	Thosphorus, Total (505.1)					
			drinking	60	0	6	0
28	TechLaw	Ra-226 (903.1)	water				
			drinking	60	0	6	0
29	TechLaw	Ra-228 (904.0)	water	00	U		
		Sami Valatilas /TCI plus TICs) /CI D Traco plus	drinking				
30	Ft Meade	Semi-Volatiles (TCL plus TICs) (CLP Trace plus TICS) (OLC03.2)	water	60	0	6	0
30	r t. Wicade	1163) (02603.2)	1 . 1 .				
			drinking	60	0	6	0
31	Ft. Meade	Solids, Total Dissolved (TDS) (2540C)	water				
			drinking	60	0	6	0
32	Ft. Meade	Solids, Total Suspended (TSS) (2540D)	water	00	Ü		
			drinking				
33	Isotech	Stable isotopes of water (O,H) (isotech)	water	10	0	0	0
		(-),,, (,	alutu litura				
	-	- 1.10	drinking water	60	0	6	0
34	TechLaw	Turbidity, Nephelometric (180.1)	water				
			drinking	60	0	6	0
35	TechLaw	2-Methoxyethanol (8015B)	water				
			drinking		020		
36	TechLaw	1-methylnapthalene (8270 or equivalent)	water	60	0	6	0
			dripking				
27	C+ N/A1-	Volatiles Incl. Acrylonitrile (TCL plus TICs) (CLP	drinking water	60	0	6	1 per cooler
	rt. ivieade	Trace - 0.5 ug/L QL) (OLC03.2)	Water				
38		Notes:					
39		1. This QA sample will be an aqueous matrix.					
40		sampling equipment is used.					
41		3. Estimate based on 5 sampling days					
42		Key:					
		Direct - Dealerson -	04/00	ality accurance /	ontrol		
43		Bkgd = Background	QA/QC = QU	ality assurance/quality of	וטוונוטו		
		MS/MSD = Matrix Spike/Matrix Spike Duplicate	Sr = Strontiu	m			
44							

	Α	В	С	D	Е	F	G
45		CRQL = Contract-Required Quantitation limit.					
46		Dup = Duplicate					
47							
48							
49							

	Н	ı	J	К	L	М	N	0
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2								
3	NIA							
4	Sample Sum	marv			and QA/QC			
5	Sumple Summary				MSD) ³			
6	Rinsate ¹¹² Blanks	Field ¹ Blanks	MS/MSD					
7	0	5	0	7	7 1			
8	0	5	3	7	' 1			
9	0	5	0	7	71			
10	0	5	0	7	7 1			
11	0	0	0	1	.0			
12	0	0	0	1	.0			
13	0	0	0	1	.0			
14	0	5	0	7	' 1			
15	0	5	0	7	71			
16	0	5	0	7	'1			
17	0	5	0	7	'1			
18	0	5	0	7	' 1			
19	0	5	0	7	'1			
20	0	5	0	7	' 1			
21	0	5	6	7	'1			

	Н	I	J	К	L	М	N	0
	0	5	6		1			
22	0	3	0	,				
23	0	5	0	71				
24	0	5	0	7	1			
25	0	5	0	7	1			
26	0	5	0	7	1			
27	0	5	0	7	1			
28	0	5	0	7	1			
29	0	5	0	7	1			
30	0	5	3	7	1			
31	0	5	0	7	1			
32	0	5	0	7	1			
33	0	0	0	1	0			
34	0	5	0	7	1			
35	0	5	0	7	1			
36	0	5	0	7	1			
37	0	5	3	71 + Trip Coo	Blanks for plers			
38								
39 40								
41								
42								
43								
44								

	Н	J	K	L	М	N	0
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46							
47							
48							
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	А	В	С	D	E	F	G	Н	
1					TABLE 2 - 1	2/28/11			
2					YTICAL REC			RY	
3					SIDENTIAL (UEHANNA (NI A	
5			Dilvi	OCK, 303Q			LININSTLVA	NIA	
6	Analytical p	parameter and Method	Matrix		Sample Preservation		Holdir	ng Time	
7		thanol, 1-propanol, 1-butanol, 2- tanol (8015D)	drinkin	g water	Ice, 6°C		7 (lays	
8	Alkalin	ity (2320B, 2340B)	drinkin	g water	lce,	6°C	14	days	
9		ide, Fluoride, Nitrate/Nitrate as N, s as P, Sulfate as SO4 (300.0)		g water	lce,	6°C	28	days	
10	Bacteria (Fec	al & total coliform, HPC)	drinkin	g water	Ice, 4°C (.008 if residual (6 h	ours	
11	d13C and d2	PH of methane (Isotech)	drinkin	g water	Ice, 4°C, bid sample c	546	6 m	onths	
12	Complete composit	Complete compositional analysis of headspace gas (isotech) Ice, 4°C, biocide pill in sample container				6 m	onths		
13	Diss. gases metha	drinkin	g water		Ice, 4°C, biocide pill in sample container		6 months		
14	Dissolved Gases, Meth	nane, Ethane, & Ethene (RSK-175)	drinkin	g water	pH<2 with F with id	HCl and cool ce, 4°C	7 (7 days	
15	Ethyler	ne Glycol (8015M)	drinkin	drinking water		4°C	7 (lays	
16	D	PRO (8105M)	drinkin	g water	lce,	4°C	-	act; 40 days Ilysis	
17	G	GRO (8105M)	drinkin	g water	pH<2 with F with id		14	days	
18		a-226, Ra-228, Th-232, Th-234, U- , U-238) (901.1)	drinkin	g water	pH<2 with HI with io		6 m	onths	
19	Glycols incl.	2-Butoxyethanol (8316)	drinkin	g water	lce,	6°C	7 (lays	
20	Gross A	Alpha/Beta (900.0)	drinkin	g water	pH<2 with HI with id	NO3 and cool ce, 4°C	6 m	onths	
21		Fe, Mg, Mn, Ni, Na, As, Se, Zn, Ti, , Co, Tl, U, V, K, Hg (200.8/245.1)	drinkin	g water	pH<2 with HI with id		6 m	onths	
22		Fe, Mg, Mn, Ni, Na, As, Se, Zn, Ti, , Co, Tl, U, V, K, Hg (200.8/245.1)	(filtered) dr	pH<2 with HNO3 and cool red) drinking water with ice, 4°C		6 months			
23	Methylene Blue Activ	e Substances (MBAS) (SM 5540C)	drinkin	g water	lce,	4°C	48 hours		
24	Nitrate/Ni	trite (Total N) (353.2)	drinkin	g water	pH<2, H2SC with ic	04, and cool ce, 4°C	7 c	lays	

	Α	В	С	D	E	F	G	Н
						04, and cool		20
25	Oil & Gre	ease (HEM) (1664A)	drinkin	g water	with id	ce, 4°C	28 days	
26)	pH (9040C)	drinkin	g water	Ice, 6°C		As soon as possible	
27	Phosph	orus, Total (365.1)	drinkin	g water	Ice,	6°C	28 (days
					pH<2 with HI			
28	Ra	a-226 (903.1)	drinkin	g water	with i	ce, 4°C	6 mc	onths
29	Ra	a-228 (904.0)	drinkin	g water	pH<2 with HI	NO3 and cool ce, 4°C	6 mc	onths
		,		<u> </u>		·		
30	Semi-Volatiles	(TCL plus TICs) (OLC03.2)	drinkin	g water	lce,	6°C	7 d	ays
31	Solids, Total Di	issolved (TDS) (SM 2540C)	drinkin	g water	lce,	6°C	7 d	ays
32	Solids, Total Suspended (TSS) (SM 2540D)		drinkin	g water	Ice, 6°C		7 days	
33	Stable isotope	s of water (O,H) (Isotech)	drinking water		Ice, 4°C		6 mc	onths
34	Turbidity, I	Nephelometric (180.1)	drinking water		Ice, 4°C		48 h	ours
35	2-Metho	oxyethanol (8015B)	drinkin	g water	lce, 6°C		7 d	ays
26	4 11 11		1			636	·	
36	1-metnyinaptn	alene (8270 or equivalent)	arinkin	g water	lce,	6-C	7 d	ays
37		TICs) (CLP Trace - 0.5 ug/L QL) 2) incl. Acrylonitrile	drinkin	g water	2 drops of 1: Ice,		7 d	ays
38	Note: Analyses wil	l be combined into sample l	bottles as a	oplicable/a	ppropriate	based on de	eterminatio	on by lab(s)
39	KEY:	•						
	Celsius		milliliter					
	C14 = Carbon 14		= Sodium					
	CLP = Contract Lab		potential					
0.000	D13C = delta of		QL =					
\vdash	D2H = delta of		Sr =					
\vdash	Acid density		Target Tentativel					
	HN03 = Nitric Acid		microgra					
0.00	Heterotrophic		paramete					

	I J K	L	М
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5	Samuela Canta in auta)	Procurement	Number
6	Sample Container(s)	Source or Lab	
7	Three 40-ml glass vials (Fill to capacity with no head space)	Ft. Meade	3
8	One 500-ml HDPE	Ft. Meade	1
9	One 500-ml HDPE	Ft. Meade	1
10	125 ml Pre-sterilized polyproylene	Tier 4	1
11	one 1-L poly/TBD*	Tier 4	1
12	one 1-L poly/TBD*	Tier 4	1
13	one 1-L poly/TBD*	Tier 4	1
14	One 40-ml glass vial	Tier 4	1
15	Three 40-ml glass vials (Fill to capacity with no head space)	Tier 4	3
16	Two 1-Liter amber glass jars with teflon-lined lids		2
17	Three 40-ml glass vials (Fill to capacity with no head space)		3
18	One 1-Liter HDPE	Tier 4	1
19	Three 40-ml glass vials (Fill to capacity with no head space)	Ft. Meade	3
20	One 1-Liter HDPE	Tier 4	1
21	One 1-Liter HDPE	Ft. Meade	1
22	One 1-Liter HDPE	Ft. Meade	1
23	One 500-ml HDPE	Tier 4	1
24	Two 1-Liter amber glass jars with teflon-lined lids	Ft. Meade	2

	J	J	K	L,	М
25	One 1-liter amber glass fore with toflon-lined lide			Tier 4	1
23	One 1-Liter amber glass jars with teflon-lined lids			riei 4	
26	One 250-ml HDPE			Ft. Meade	1
27	One 400-ml HDPE			Ft. Meade	1
28	One 1-Liter HDPE			Tier 4	1
29	One 1-Liter HDPE			Tier 4	1
20	- 410		F4 Manda	2	
30	TWO 1-Lite	er amber glass jar	Ft. Meade	2	
31	One 500-ml HDPE			Ft. Meade	1
32	One 500-ml HDPE			Ft. Meade	1
32	One Sou-mi HDPE			rt. Medue	
33	one 1-L poly/TBD*			Tier 4	1
34	One 250-ml HDPE			Tier 4	1
35	Two 1-Liter amber glass jars with teflon-lined lids			Tier 4	2
36	Two 1-Liter amber glass jars with teflon-lined lids			Tier 4	2
37	Six 40-ml glass vials w/Teflon lined cap (no head space)			Ft. Meade	6
38					49
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